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DATE: June 25, 2004
FILE NO.: WEAT/0558
TO: EXAMINER SAMUEL A. TURNER
FAX NO.: 703-872-9306
PHONE NO.: 571-272-2432
COMPANY: USPTO
FROM: Randol W. Read *RWR*
PAGE(S) with cover: 16
ORIGINAL TO FOLLOW? YES NO

RESPONSE TO OFFICE ACTION DATED MARCH 25, 2004

TITLE: Elimination of Polarization Fading in Unbalanced Optical Measuring Interferometers
U.S. SERIAL NO.: 10/018,460
FILING DATE: December 19, 2001
INVENTOR: Ronneklev
EXAMINER: Samuel A. Turner
GROUP ART UNIT: 2877
CONFIRMATION NO.: 1781

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Atty. Dkt. No. WEAT 0558

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Application of:
Ronnekleiv**

Serjal No.: 10/018,460

Confirmation No.: 1781

Filed: December 19, 2001

For: Elimination of Polarization Fading
in Unbalanced Optical Measuring
Interferometers

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Group Art Unit: 2877

Examiner: Samuel A. Turner

Customer No.: 36735

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I hereby certify that this correspondence and the documents referred to as attached therein are being facsimile transmitted to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, fax number 703-872-9306 to the attention of the named Examiner, on the date below.

25 June 2004 John W. May
 Date Signature

RESPONSE TO OFFICE ACTION DATED MARCH 25, 2004

In response to the Office Action dated March 25, 2004, having a shortened statutory period for response set to expire on June 25, 2004, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/WEAT/0558/WBP, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

Amendments to the Specification begin on page 2 of this paper.
Amendments to the Claims are reflected in the listing of claims which begins on page
9 of this paper. Remarks begin on page 13 of this paper.